

WEST**End of Result Set**☐ **Generate Collection** **Print**

L1: Entry 1 of 1

File: USPT

Oct 17, 2000

US-PAT-NO: 6132973DOCUMENT-IDENTIFIER: US 6132973 A

TITLE: Human regulatory molecules

DATE-ISSUED: October 17, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Lal; Preeti	Santa Clara	CA		
Hillman; Jennifer L.	Mountain View	CA		
Bandman; Olga	Mountain View	CA		
Shah; Purvi	Sunnyvale	CA		
Au-Young; Janice	Berkeley	CA		
Yue; Henry	Sunnyvale	CA		
Guegler; Karl J.	Menlo Park	CA		
Corley; Neil C.	Mountain View	CA		

ASSIGNEE-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY	TYPE CODE
Incyte Pharmaceuticals, Inc.	Palo Alto	CA			02

APPL-NO: 9/ 234613 [PALM]

DATE FILED: January 20, 1999

PARENT-CASE:

This application is a divisional application of U.S. application Ser. No. 08/933,750, filed on Sep. 23, 1997 now U.S. Pat. No. 5,932,442.

INT-CL: [7] C12 Q 1/68, C12 P 21/06, C12 P 19/34, C07 H 21/04, C01 N 33/50

US-CL-ISSUED: 435/6; 435/69.1, 435/252.3, 435/91.2, 435/320.1, 536/23.5, 536/24.31, 436/86, 436/94

US-CL-CURRENT: 435/6; 435/252.3, 435/320.1, 435/69.1, 435/91.2, 436/86, 436/94, 536/23.5, 536/24.31

FIELD-OF-SEARCH: 435/6, 435/252.3, 435/320.1, 435/69.1, 435/91.2, 536/23.5, 536/24.31, 436/86, 436/94

PRIOR-ART-DISCLOSED:

OTHER PUBLICATIONS

Pabo, C.O. and Sauer, R.T., "Transcription Factors: Structural Families and Principles of DNA Recognition," Annu.Rev.Biochem. (1992) 61:1053-1095.
Faisst, S. and Meyer, S. "Compilation of vertebrate-encoded transcription factors," Nucl.Acids Res. (1992) 20(1):3-26.
Alberts, B. et al., Molecular Biology of the Cell, Garland Publishing Co., New York, NY, pp. 401-407.

Cleary, M.L., "Transcription Factors in Human Leukaemias" *Cancer Surv.* (1992) 15:89-104.

Groden, J. et al., "Response of Colon Cancer Cell Lines to the Introduction of APC, a Colon-specific Tumor Suppressor Gene", *Cancer Res.* (1995) 55: 1531-1539.

Nomura, N., (GI 285946) GenBank Sequence Database (Accession D14661), National Center for Biotechnology Information, National Library of Medicine, Bethesda, Maryland, 20894.

Liu, L.X., (GI 1518120), GenBank Sequence Database (Accession U66208), National Center for Biotechnology Information, National Library of Medicine, Bethesda, Maryland, 20894.

Coster, F. et al., (GI 1302210), GenBank Sequence Database (Accession Z71483; Y13139), National Center for Biotechnology Information, National Library of Medicine, Bethesda, Maryland, 20894.

Petroni, D. et al., (GI 1613851), GenBank Sequence Database (Accession U71598), National Center for Biotechnology Information, National Library of Medicine, Bethesda, Maryland, 20894.

Oliver, K. and Harris, D., (GI 755782), GenBank Sequence Database (Accession Z48784; Z71256), National Center for Biotechnology Information, National Library of Medicine, Bethesda, Maryland, 20894.

Borsani, G., (GI 895844), GenBank Sequence Database (Accession X87689), National Center for Biotechnology Information, National Library of Medicine, Bethesda, Maryland, 20894.

Andersson, B. et al., (GI 1710240), GenBank Sequence Database (Accession U79274), National Center for Biotechnology Information, National Library of Medicine, Bethesda, Maryland, 20894.

Rad, M.R. et al., (GI 1907116), GenBank Sequence Database (Accession X59720; S43845; S49180; S58084; S93798), National Center for Biotechnology Information, National Library of Medicine, Bethesda, Maryland, 20894.

Wilson, R. et al., (GI 1627696), GenBank Sequence Database (Accession Z81051), National Center for Biotechnology Information, National Library of Medicine, Bethesda, Maryland, 20894.

Hirashima, S. et al., (GI 220593), GenBank Sequence Database (Accession D00926), National Center for Biotechnology Information, National Library of Medicine, Bethesda, Maryland, 20894.

Wilson, R. et al., (GI 1086722), GenBank Sequence Database (Accession U41030), National Center for Biotechnology Information, National Library of Medicine, Bethesda, Maryland, 20894.

Johnston, M. et al., (GI 2258165), GenBank Sequence Database (Accession U20618; Y13138), National Center for Biotechnology Information, National Library of Medicine, Bethesda, Maryland, 20894.

Shi, S. and Yu, L., (GI 1698719), GenBank Sequence Database (Accession U68536), National Center for Biotechnology Information, National Library of Medicine, Bethesda, Maryland, 20894.

Schmiedeknecht, G. et al., (GI 1177434), GenBank Sequence Database (Accession X95384), National Center for Biotechnology Information, National Library of Medicine, Bethesda, Maryland, 20894.

Andersson, B. et al., (GI 1710201), GenBank Sequence Database (Accession U79252), National Center for Biotechnology Information, National Library of Medicine, Bethesda, Maryland, 20894.

Wilson, R. et al., (GI 506879), GenBank Sequence Database (Accession Z34533), National Center for Biotechnology Information, National Library of Medicine, Bethesda, Maryland, 20894.

Ernault-Lange, M. et al., (GI 1310668), GenBank Sequence Database (Accession X82126), National Center for Biotechnology Information, National Library of Medicine, Bethesda, Maryland, 20894.

Li, K. et al., (GI 309182), GenBank Sequence Database (Accession L08407), National Center for Biotechnology Information, National Library of Medicine, Bethesda, Maryland, 20894.

Wilson, R. et al., (GI 577541), GenBank Sequence Database (Accession Z46787), National Center for Biotechnology Information, National Library of Medicine, Bethesda, Maryland, 20894.

Wilson, R. et al., (GI 1418558), GenBank Sequence Database (Accession Z75545), National Center for Biotechnology Information, National Library of Medicine, Bethesda, Maryland, 20894.

Wilson, R. et al., (GI 458996), GenBank Sequence Database (Accession U00036),

National Center for Biotechnology Information, National Library of Medicine, Bethesda, Maryland, 20894.

Rowen, L. et al., (GI 1841547), GenBank Sequence Database (Accession U89336), National Center for Biotechnology Information, National Library of Medicine, Bethesda, Maryland, 20894.

Wilson, R. et al., (GI 868261), GenBank Sequence Database (Accession U29536), National Center for Biotechnology Information, National Library of Medicine, Bethesda, Maryland, 20894.

Desseyn, J.L. et al., (GI 1834502), GenBank Sequence Database (Accession 272496), National Center for Biotechnology Information, National Library of Medicine, Bethesda, Maryland, 20894.

Dietrich, F.S. et al., (GI 603377), GenBank Sequence Database (Accession U18917; L10718; U00092), National Center for Biotechnology Information, National Library of Medicine, Bethesda, Maryland, 20894.

Ding, H., (GI 849184), GenBank Sequence Database (Accession U28373; Z71256), National Center for Biotechnology Information, National Library of Medicine, Bethesda, Maryland, 20894.

Devlin, K. and Churcher, C.M., (GI 728645), GenBank Sequence Database (Accession Z48613; Z71257), National Center for Biotechnology Information, National Library of Medicine, Bethesda, Maryland, 20894.

Wilson, R. et al., (GI 687818), GenBank Sequence Database (Accession U21317), National Center for Biotechnology Information, National Library of Medicine, Bethesda, Maryland, 20894.

Wilson, R. et al., (GI 1200032), GenBank Sequence Database (Accession Z69637), National Center for Biotechnology Information, National Library of Medicine, Bethesda, Maryland, 20894.

Nomura, N., (GI 286000), GenBank Sequence Database (Accession D13630), National Center for Biotechnology Information, National Library of Medicine, Bethesda, Maryland, 20894.

Wilson, R. et al., (GI 790397), GenBank Sequence Database (Accession Z49130), National Center for Biotechnology Information, National Library of Medicine, Bethesda, Maryland, 20894.

Fleischmann, R.D. et al., (GI 1574563), GenBank Sequence Database (Accession U32844; L42023), National Center for Biotechnology Information, National Library of Medicine, Bethesda, Maryland, 20894.

Wilson, R. et al., (GI 1055075), GenBank Sequence Database (Accession U39853), National Center for Biotechnology Information, National Library of Medicine, Bethesda, Maryland, 20894.

Scherens, B. et al., (GI 313733), GenBank Sequence Database (Accession Z23261), National Center for Biotechnology Information, National Library of Medicine, Bethesda, Maryland, 20894.

Wilson, R. et al., (GI 1006637), GenBank Sequence Database (Accession Z54281), National Center for Biotechnology Information, National Library of Medicine, Bethesda, Maryland, 20894.

Wu, R-Y. and Gill, G.N., (GI 561636), GenBank Sequence Database (Accession L35240), National Center for Biotechnology Information, National Library of Medicine, Bethesda, Maryland, 20894.

Rowley, N., (GI 558388), GenBank Sequence Database (Accession Z38113; Z47047), National Center for Biotechnology Information, National Library of Medicine, Bethesda, Maryland, 20894.

Das, N. and Dey, S.K., (GI 1066284), GenBank Sequence Database (Accession U38981), National Center for Biotechnology Information, National Library of Medicine, Bethesda, Maryland, 20894.

Wilson, R. et al., (GI 861301), GenBank Sequence Database (Accession U28928), National Center for Biotechnology Information, National Library of Medicine, Bethesda, Maryland, 20894.

Wilson, R. et al., (GI 868238), GenBank Sequence Database (Accession U29488), National Center for Biotechnology Information, National Library of Medicine, Bethesda, Maryland, 20894.

Wilson, R. et al., (GI 733597), GenBank Sequence Database (Accession U23484), National Center for Biotechnology Information, National Library of Medicine, Bethesda, Maryland, 20894.

Nagao, K. et al., (GI 1507664), GenBank Sequence Database (Accession D84656), National Center for Biotechnology Information, National Library of Medicine, Bethesda, Maryland, 20894.

Wilson, R. et al., (GI 1495329), GenBank Sequence Database (Accession Z78418), National Center for Biotechnology Information, National Library of Medicine, Bethesda, Maryland, 20894.
Nomura, N., (GI 1665790), GenBank Sequence Database (Accession D87451), National Center for Biotechnology Information, National Library of Medicine, Bethesda, Maryland, 20894.
Gatignol, A. et al., (GI 478989), GenBank Sequence Database (Accession U08998), National Center for Biotechnology Information, National Library of Medicine, Bethesda, Maryland, 20894.

ART-UNIT: 162

PRIMARY-EXAMINER: Slobodyansky; Elizabeth

ATTY-AGENT-FIRM: Incyte Pharmaceuticals, Inc. Murry; Lynn E.

ABSTRACT:

The invention provides human regulatory molecules and polynucleotides (collectively designated HRM) which identify and encode them. The invention also provides expression vectors, host cells, agonists, antibodies and antagonists. The invention further provides methods for diagnosing, preventing, and treating disorders associated with expression of human regulatory molecules.

15 Claims, 0 Drawing figures

WEST**End of Result Set**☐ **Generate Collection**☐ **Print**

L2: Entry 6 of 6

File: USPT

Aug 3, 1999

US-PAT-NO: 5932442DOCUMENT-IDENTIFIER: US 5932442 A

TITLE: Human regulatory molecules

DATE-ISSUED: August 3, 1999

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Lal; Preeti	Santa Clara	CA		
Hillman; Jennifer L.	Mountain View	CA		
Bandman; Olga	Mountain View	CA		
Shah; Purvi	Sunnyvale	CA		
Au-Young; Janice	Berkeley	CA		
Yue; Henry	Sunnyvale	CA		
Guegler; Karl J.	Menlo Park	CA		
Corley; Neil C.	Mountain View	CA		

ASSIGNEE-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY	TYPE CODE
Incyte Pharmaceuticals, Inc.	Palo Alto	CA			02

APPL-NO: 8/ 933750 [PALM]

DATE FILED: September 23, 1997

INT-CL: [6] C12 P 21/06, C12 N 1/20, C12 N 15/00, C07 H 21/04

US-CL-ISSUED: 435/69.1; 435/252.3, 435/320.1, 536/23.5

US-CL-CURRENT: 435/69.1; 435/252.3, 435/320.1, 536/23.5

FIELD-OF-SEARCH: 536/23.5, 435/69.1, 435/252.3, 435/320.1

PRIOR-ART-DISCLOSED:

OTHER PUBLICATIONS

Pabo, C.O. and Sauer, R.T., "Transcription Factors: Structural Families and Principles of DNA Recognition," Annu.Rev.Biochem. (1992) 61:1053-1095.

Faisst, S. and Meyer, S. "Compilation of vertebrate-encoded transcription factors," Nucl.Acids Res. (1992) 20(1):3-26.

Alberts, B. et al., Molecular Biology of the Cell, Garland Publishing Co., New York, NY, pp. 401-407.

Cleary, M.L., "Transcription Factors in Human Leukaemias" Cancer Surv. (1992) 15:89-104.

Groden, J. et al., "Response of Colon Cancer Cell Lines to the Introduction of APC, a Colon-specific Tumor Suppressor Gene", Cancer Res. (1995) 55:1531-1539.

Nomura, N., (GI 285946) GenBank Sequence Database (Accession D14661), National Center for Biotechnology Information, National Library of Medicine, Bethesda, Maryland, 20894.

Liu, L.X., (GI 1518120), GenBank Sequence Database (Accession U66208), National Center for Biotechnology Information, National Library of Medicine, Bethesda, Maryland, 20894.

Coster, F. et al., (GI 1302210), GenBank Sequence Database (Accession Z71483; Y13139), National Center for Biotechnology Information, National Library of Medicine, Bethesda, Maryland, 20894.

Petroni, D. et al., (GI 1613851), GenBank Sequence Database (Accession U71598), National Center for Biotechnology Information, National Library of Medicine, Bethesda, Maryland, 20894.

Oliver, K. and Harris, D., (GI 755782), GenBank Sequence Database (Accession Z48784; Z71256), National Center for Biotechnology Information, National Library of Medicine, Bethesda, Maryland, 20894.

Borsani, G., (GI 895844), GenBank Sequence Database (Accession X87689), National Center for Biotechnology Information, National Library of Medicine, Bethesda, Maryland, 20894.

Andersson, B. et al., (GI 1710240), GenBank Sequence Database (Accession U79274), National Center for Biotechnology Information, National Library of Medicine, Bethesda, Maryland, 20894.

Rad, M.R. et al., (GI 1907116), GenBank Sequence Database (Accession X59720; S43845; S49180; S58084; S93798), National Center for Biotechnology Information, National Library of Medicine, Bethesda, Maryland, 20894.

Wilson, R. et al., (GI 1627696), GenBank Sequence Database (Accession Z81051), National Center for Biotechnology Information, National Library of Medicine, Bethesda, Maryland, 20894.

Hirashima, S. et al., (GI 220593), GenBank Sequence Database (Accession D00926), National Center for Biotechnology Information, National Library of Medicine, Bethesda, Maryland, 20894.

Wilson, R. et al., (GI 1086722), GenBank Sequence Database (Accession U41030), National Center for Biotechnology Information, National Library of Medicine, Bethesda, Maryland, 20894.

Johnston, M. et al., (GI 2258165), GenBank Sequence Database (Accession U20618; Y13138), National Center for Biotechnology Information, National Library of Medicine, Bethesda, Maryland, 20894.

Shi, S. and Yu, L., (GI 1698719), GenBank Sequence Database (Accession U68536), National Center for Biotechnology Information, National Library of Medicine, Bethesda, Maryland, 20894.

Schmiedeknecht, G. et al., (GI 1177434), GenBank Sequence Database (Accession X95384), National Center for Biotechnology Information, National Library of Medicine, Bethesda, Maryland, 20894.

Andersson, B. et al., (GI 1710201), GenBank Sequence Database (Accession U79252), National Center for Biotechnology Information, National Library of Medicine, Bethesda, Maryland, 20894.

Wilson, R. et al., (GI 506879), GenBank Sequence Database (Accession Z34533), National Center for Biotechnology Information, National Library of Medicine, Bethesda, Maryland, 20894.

Ernault-Lange, M. et al., (GI 1310668), GenBank Sequence Database (Accession X82126), National Center for Biotechnology Information, National Library of Medicine, Bethesda, Maryland, 20894.

Li, K. et al., (GI 309182), GenBank Sequence Database (Accession L08407), National Center for Biotechnology Information, National Library of Medicine, Bethesda, Maryland, 20894.

Wilson, R. et al., (GI 577541), GenBank Sequence Database (Accession Z46787), National Center for Biotechnology Information, National Library of Medicine, Bethesda, Maryland, 20894.

Wilson, R. et al., (GI 1418558), GenBank Sequence Database (Accession Z75545), National Center for Biotechnology Information, National Library of Medicine, Bethesda, Maryland, 20894.

Wilson, R. et al., (GI 458996), GenBank Sequence Database (Accession U00036), National Center for Biotechnology Information, National Library of Medicine, Bethesda, Maryland, 20894.

Rowen, L. et al., (GI 1841547), GenBank Sequence Database (Accession U89336), National Center for Biotechnology Information, National Library of Medicine, Bethesda, Maryland, 20894.

Wilson, R. et al., (GI 868261), GenBank Sequence Database (Accession U29536), National Center for Biotechnology Information, National Library of Medicine,

Bethesda, Maryland, 20894.
Desseyn, J.L. et al., (GI 1834502), GenBank Sequence Database (Accession Z72496), National Center for Biotechnology Information, National Library of Medicine, Bethesda, Maryland, 20894.
Dietrich, F.S. et al., (GI 603377), GenBank Sequence Database (Accession U18917; L10718; U00092), National Center for Biotechnology Information, National Library of Medicine, Bethesda, Maryland, 20894.
Ding, H., (GI 849184), GenBank Sequence Database (Accession U28373; Z71256), National Center for Biotechnology Information, National Library of Medicine, Bethesda, Maryland, 20894.
Devlin, K. and Churcher, C.M., (GI 728645), GenBank Sequence Database (Accession Z48613; Z71257), National Center for Biotechnology Information, National Library of Medicine, Bethesda, Maryland, 20894.
Wilson, R. et al., (GI 687818), GenBank Sequence Database (Accession U21317), National Center for Biotechnology Information, National Library of Medicine, Bethesda, Maryland, 20894.
Wilson, R. et al., (GI 120032), GenBank Sequence Database (Accession Z69637), National Center for Biotechnology Information, National Library of Medicine, Bethesda, Maryland, 20894.
Nomura, N., (GI 286000), GenBank Sequence Database (Accession D13630), National Center for Biotechnology Information, National Library of Medicine, Bethesda, Maryland, 20894.
Wilson, R. et al., (GI 790397), GenBank Sequence Database (Accession Z49130), National Center for Biotechnology Information, National Library of Medicine, Bethesda, Maryland, 20894.
Fleischmann, R.D. et al., (GI 1574563), GenBank Sequence Database (Accession U32844; L42023), National Center for Biotechnology Information, National Library of Medicine, Bethesda, Maryland, 20894.
Wilson, R. et al., (GI 1055075), GenBank Sequence Database (Accession U39853), National Center for Biotechnology Information, National Library of Medicine, Bethesda, Maryland, 20894.
Scherens, B. et al., (GI 313733), GenBank Sequence Database (Accession Z23261), National Center for Biotechnology Information, National Library of Medicine, Bethesda, Maryland, 20894.
Wilson, R. et al., (GI 1006637), GenBank Sequence Database (Accession Z54281), National Center for Biotechnology Information, National Library of Medicine, Bethesda, Maryland, 20894.
Wu, R-Y. and Gill, G.N., (GI 561636), GenBank Sequence Database (Accession L35240), National Center for Biotechnology Information, National Library of Medicine, Bethesda, Maryland, 20894.
Rowley, N., (GI 558388), GenBank Sequence Database (Accession Z38113; Z47047), National Center for Biotechnology Information, National Library of Medicine, Bethesda, Maryland, 20894.
Das, N. and Dey, S.K., (GI 1066284), GenBank Sequence Database (Accession U38981), National Center for Biotechnology Information, National Library of Medicine, Bethesda, Maryland, 20894.
Wilson, R. et al., (GI 861301), GenBank Sequence Database (Accession U28928), National Center for Biotechnology Information, National Library of Medicine, Bethesda, Maryland, 20894.
Wilson, R. et al., (GI 868238), GenBank Sequence Database (Accession U29488), National Center for Biotechnology Information, National Library of Medicine, Bethesda, Maryland, 20894.
Wilson, R. et al., (GI 733597), GenBank Sequence Database (Accession U23484), National Center for Biotechnology Information, National Library of Medicine, Bethesda, Maryland, 20894.
Nagao, K. et al., (GI 1507664), GenBank Sequence Database (Accession D84656), National Center for Biotechnology Information, National Library of Medicine, Bethesda, Maryland, 20894.
Wilson, R. et al., (GI 1495329), GenBank Sequence Database (Accession Z78418), National Center for Biotechnology Information, National Library of Medicine, Bethesda, Maryland, 20894.
Nomura, N., (GI 1665790), GenBank Sequence Database (Accession D87451), National Center for Biotechnology Information, National Library of Medicine, Bethesda, Maryland, 20894.
Gatignol, A. et al., (GI 478989), GenBank Sequence Database (Accession U08998),

National Center for Biotechnology Information, National Library of Medicine, Bethesda, Maryland, 20894.

Wilson, R. et al., (GI 6650), GenBank Sequence Database (Accession Z19154), National Center for Biotechnology Information, National Library of Medicine, Bethesda, Maryland, 20894.

Dietrich, F.S., (GI 1384128), GenBank Sequence Database (Accession U18916; L11119; L11120; U00092; U75972) National Center for Biotechnology Information, National Library of Medicine, Bethesda, Maryland, 20894.

Dodsworth, S., (GI 1322397), GenBank Sequence Database (Accession Z73417), National Center for Biotechnology Information, National Library of Medicine, Bethesda, Maryland, 20894.

Wilson, R. et al., (GI 899234), GenBank Sequence Database (Accession Z50044), National Center for Biotechnology Information, National Library of Medicine, Bethesda, Maryland, 20894.

Wilson, R. et al., (GI 860694), GenBank Sequence Database (Accession U28730), National Center for Biotechnology Information, National Library of Medicine, Bethesda, Maryland, 20894.

Wilson, R. et al., (GI 1330336), GenBank Sequence Database (Accession U58755), National Center for Biotechnology Information, National Library of Medicine, Bethesda, Maryland, 20894.

Wilson, R. et al., (GI 1330398), GenBank Sequence Database (Accession U58762), National Center for Biotechnology Information, National Library of Medicine, Bethesda, Maryland, 20894.

Badcock, K. et al., (GI 1279666), GenBank Sequence Database (Accession Z71255), National Center for Biotechnology Information, National Library of Medicine, Bethesda, Maryland, 20894.

Wilson, R. et al., (GI 559414), GenBank Sequence Database (Accession Z46241), National Center for Biotechnology Information, National Library of Medicine, Bethesda, Maryland, 20894.

van Vliet-Reedijk, J.C. and Planta, R.J., (GI 486600), GenBank Sequence Database (Accession Z28293; Y13137), National Center for Biotechnology Information, National Library of Medicine, Bethesda, Maryland, 20894.

Barrell, B.G. et al., (GI 1008985), GenBank Sequence Database (Accession Z54308), National Center for Biotechnology Information, National Library of Medicine, Bethesda, Maryland, 20894.

Wilson, R. et al., (GI 687879), GenBank Sequence Database (Accession U21324), National Center for Biotechnology Information, National Library of Medicine, Bethesda, Maryland, 20894.

Cui, L. and Webb, B.A., (GI 1912315), GenBank Sequence Database (Accession U41655), National Center for Biotechnology Information, National Library of Medicine, Bethesda, Maryland, 20894.

Wilson, R. et al., (GI 527419), GenBank Sequence Database (Accession Z35663), National Center for Biotechnology Information, National Library of Medicine, Bethesda, Maryland, 20894.

Wilson, R. et al., (GI 687840), GenBank Sequence Database (Accession U21320), National Center for Biotechnology Information, National Library of Medicine, Bethesda, Maryland, 20894.

Rounsley, S.D. et al., (GI 1707006), GenBank Sequence Database (Accession U78721), National Center for Biotechnology Information, National Library of Medicine, Bethesda, Maryland, 20894.

Wilson, R. et al., (GI 1122818), GenBank Sequence Database (Accession Z68218), National Center for Biotechnology Information, National Library of Medicine, Bethesda, Maryland, 20894.

Wilson, R. et al., (GI 733552), GenBank Sequence Database (Accession U23450), National Center for Biotechnology Information, National Library of Medicine, Bethesda, Maryland, 20894.

Wilson, R. et al., (GI 995853), GenBank Sequence Database (Accession Z54216), National Center for Biotechnology Information, National Library of Medicine, Bethesda, Maryland, 20894.

Wilson, R. et al., (GI 1177279), GenBank Sequence Database (Accession Z69302), National Center for Biotechnology Information, National Library of Medicine, Bethesda, Maryland, 20894.

Wilson, R. et al., (GI 1469001), GenBank Sequence Database (Accession Z77654), National Center for Biotechnology Information, National Library of Medicine, Bethesda, Maryland, 20894.

Wilson, R. et al., (GI 746536), GenBank Sequence Database (Accession U23521), National Center for Biotechnology Information, National Library of Medicine, Bethesda, Maryland, 20894.

Pirtle, I.L. et al., (GI 292845), GenBank Sequence Database (Accession L15361), National Center for Biotechnology Information, National Library of Medicine, Bethesda, Maryland, 20894.

Dietrich, F.S. (GI 603265), GenBank Sequence Database (Accession U18796; U00092), National Center for Biotechnology Information, National Library of Medicine, Bethesda, Maryland, 20894.

Wilson, R. et al., (GI 1523894), GenBank Sequence Database (Accession Z79752), National Center for Biotechnology Information, National Library of Medicine, Bethesda, Maryland, 20894.

Murakami, Y. et al., (GI 2804269), GenBank Sequence Database (Accession D50617; D44605), National Center for Biotechnology Information, National Library of Medicine, Bethesda, Maryland, 20894.

Rasmussen, S.W. (GI 1431367), GenBank Sequence Database (Accession Z74267; Z71256), National Center for Biotechnology Information, National Library of Medicine, Bethesda, Maryland, 20894.

Bussey, H. et al., (GI 1230676), GenBank Sequence Database (Accession U51033; U00094), National Center for Biotechnology Information, National Library of Medicine, Bethesda, Maryland, 20894.

Wilson, R. et al., (GI 1523927), GenBank Sequence Database (Accession Z79755), National Center for Biotechnology Information, National Library of Medicine, Bethesda, Maryland, 20894.

Wilson, R. et al., (GI 297978), GenBank Sequence Database (Accession Z22176), National Center for Biotechnology Information, National Library of Medicine, Bethesda, Maryland, 20894.

Wilson, R. et al., (GI 1703577), GenBank Sequence Database (Accession U80438), National Center for Biotechnology Information, National Library of Medicine, Bethesda, Maryland, 20894.

Feuermann, M. et al., (GI 1322549), GenBank Sequence Database (Accession Z72576; Y13135), National Center for Biotechnology Information, National Library of Medicine, Bethesda, Maryland, 20894.

Rieger, M. et al., (GI 1322868), GenBank Sequence Database (Accession Z72743; Y13135), National Center for Biotechnology Information, National Library of Medicine, Bethesda, Maryland, 20894.

Wilson, R. et al., (GI 662894), GenBank Sequence Database (Accession Z48055), National Center for Biotechnology Information, National Library of Medicine, Bethesda, Maryland, 20894.

ART-UNIT: 162

PRIMARY-EXAMINER: Wax; Robert A.

ASSISTANT-EXAMINER: Slobodyansky; Elizabeth

ATTY-AGENT-FIRM: Incyte Pharmaceuticals, Inc. Murry; Lynn E.

ABSTRACT:

The invention provides human regulatory molecules and polynucleotides (collectively designated HRM) which identify and encode them. The invention also provides expression vectors, host cells, agonists, antibodies and antagonists. The invention further provides methods for diagnosing, preventing, and treating disorders associated with expression of human regulatory molecules.

6 Claims, 0 Drawing figures

WEST**End of Result Set**☐ **Generate Collection**☐ **Print**

L2: Entry 6 of 6

File: USPT

Aug 3, 1999

US-PAT-NO: 5932442DOCUMENT-IDENTIFIER: US 5932442 A

TITLE: Human regulatory molecules

DATE-ISSUED: August 3, 1999

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Lal; Preeti	Santa Clara	CA		
Hillman; Jennifer L.	Mountain View	CA		
Bandman; Olga	Mountain View	CA		
Shah; Purvi	Sunnyvale	CA		
Au-Young; Janice	Berkeley	CA		
Yue; Henry	Sunnyvale	CA		
Guegler; Karl J.	Menlo Park	CA		
Corley; Neil C.	Mountain View	CA		

US-CL-CURRENT: 435/69.1; 435/252.3, 435/320.1, 536/23.5

CLAIMS:

What is claimed is:

1. An isolated and purified polynucleotide having a nucleotide sequence selected from the group consisting of SEQ ID NO:57, SEQ ID NO:59, SEQ ID NO:70, SEQ ID NO:73, SEQ ID NO:79, SEQ ID NO:94, SEQ ID NO:95, and SEQ ID NO:96.
2. An isolated and purified polynucleotide having a nucleic acid sequence which is complementary to the nucleic acid sequence of the polynucleotide of claim 1.
3. A composition comprising the polynucleotide of claim 1.
4. An expression vector containing the polynucleotide of claim 1.
5. A host cell containing the vector of claim 4.
6. A method for producing a polypeptide encoding a human regulatory molecule, the method comprising the steps of:
 - a) culturing the host cell of claim 5 under conditions suitable for the expression of the polypeptide; and
 - b) recovering the polypeptide from the host cell culture.